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(54) STERILIZATION-DEODORIZATION CYLINDER  
FOR REFRIGERATOR

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a sterilization-deodorization cylinder for a refrigerator by which an odor can be removed of course and the hygiene condition inside the refrigerator can be cleanly maintained by radically removing the miscellaneous germs inhabiting the refrigerator by employing copper, hommano, and activated carbon fiber excellent in sterilization-deodorization performance.

SOLUTION: The sterilization-deodorization cylinder for a refrigerator comprises a body 10 composed of a cylindrical body of a copper material provided with a large number of ventilation holes, a bottom member 20 of a copper material not only inserted into the lower part of the body 10 so as to maintain the shape of the body but also for increasing the surface area contacting the miscellaneous germs inhabiting the refrigerator, an activated carbon fiber body 50 composed of a fiber body shape and adsorbing floating germs and an odor inhabiting the refrigerator, a core 40 composed of a cylindrical body in which a large number of ventilation slits 41 are formed on the body and on which the activated carbon fiber body 50 is wound, nonwoven fabric 60 wrapping the surface of the activated carbon fiber body 50 wound on the core 40, hommano balls 70 inserted inside the core 40 and having a

sterilization-deodorization cylinder, and a lid member 30 of a copper material inserted into the upper part of the body 10 so as to not only maintain the shape of the body 10 but also for increasing the surface area contacting the miscellaneous germs inhabiting the refrigerator.

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